+357 96 030922
info@marketpublishers.com

Global Zeolite-Based VOC Rotor-Concentrator Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

https://marketpublishers.com/r/G3C73DC3F16FEN.html
Date: June 2026
Pages: 102
Price: US$ 3,480.00 (Single User License)
ID: G3C73DC3F16FEN

Abstracts

According to our (Global Info Research) latest study, the global Zeolite-Based VOC Rotor-Concentrator market size was valued at US$ 202 million in 2025 and is forecast to a readjusted size of US$ 272 million by 2032 with a CAGR of 4.4% during review period.

In 2025, global Zeolite-Based VOC Rotor-Concentrator production reached approximately 2200 units, with an average global market price of around US$ 90000 per unit. A Zeolite-Based VOC Rotor-Concentrator is an air pollution control device that captures and concentrates VOC emissions for further treatment or recovery.

The Zeolite-Based VOC Rotor-Concentrator market, also known as the VOC concentration rotor or zeolite rotary concentrator market, is a specialized segment of industrial air pollution control equipment. VOC rotors are mainly used to treat large-volume, low-concentration volatile organic compound emissions by adsorbing VOCs from exhaust air and desorbing them into a smaller, higher-concentration gas stream for further treatment by regenerative thermal oxidizers, catalytic oxidizers, or solvent recovery systems. The overall market is driven by increasingly strict environmental regulations, rising industrial awareness of emission reduction, and the need for energy-efficient exhaust gas treatment. Compared with direct incineration or conventional activated carbon adsorption, VOC rotor systems can significantly reduce downstream equipment size and operating energy consumption, making them attractive for industries with continuous exhaust flows. The market is relatively technology-intensive, because product performance depends on zeolite molecular sieve quality, honeycomb structure design, coating uniformity, adsorption capacity, desorption efficiency, pressure drop, temperature resistance, sealing performance, and long-term stability. Major

+357 96 030922
info@marketpublishers.com

application areas include automotive painting, semiconductor and electronics manufacturing, lithium battery production, printing and packaging, coating, chemical processing, pharmaceuticals, petrochemicals, furniture finishing, and other industries that generate dilute organic waste gas. From the upstream perspective, the industry depends on zeolite adsorbents, ceramic fiber or glass fiber honeycomb substrates, inorganic binders, activated carbon materials, stainless steel frames, drive motors, sealing materials, fans, heat exchangers, sensors, control systems, and precision coating equipment. The quality of zeolite and substrate materials is especially important, as it directly affects VOC removal efficiency, regeneration performance, resistance to high-boiling-point compounds, and service life. Midstream participants include rotor manufacturers, VOC treatment equipment producers, and environmental engineering system integrators. These companies usually design complete solutions combining rotors with RTO, RCO, condensation, adsorption, or solvent recovery technologies according to exhaust composition, air volume, VOC concentration, temperature, humidity, and customer compliance requirements. Downstream demand mainly comes from manufacturing industries facing strict VOC emission limits, especially sectors with large exhaust volumes and relatively low solvent concentrations. In terms of future development, the Zeolite-Based VOC Rotor-Concentrator market is expected to maintain steady growth as global environmental standards tighten and industries seek lower-carbon, lower-cost emission control solutions. Growth opportunities will be particularly strong in Asia-Pacific, where electronics, batteries, automotive coatings, and chemical manufacturing are expanding rapidly, while Europe, North America, Japan, and South Korea will continue to focus on technology upgrades and replacement demand. Future product development will move toward higher concentration ratios, lower pressure drop, improved zeolite formulations, stronger resistance to mixed solvents and siloxanes, modular skid-mounted systems, intelligent monitoring, predictive maintenance, and integration with digital emission management platforms. Competition will gradually shift from simple equipment supply to total lifecycle cost, energy-saving performance, regulatory compliance reliability, customized engineering capability, and after-sales service. Overall, Zeolite-Based VOC Rotor-Concentrator is a niche but important growth market within industrial emission control, with increasing strategic value as manufacturers balance environmental compliance, operating cost reduction, and carbon-emission targets.

This report is a detailed and comprehensive analysis for global Zeolite-Based VOC Rotor-Concentrator market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets.

+357 96 030922
info@marketpublishers.com

Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Zeolite-Based VOC Rotor-Concentrator market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Zeolite-Based VOC Rotor-Concentrator market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Zeolite-Based VOC Rotor-Concentrator market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Zeolite-Based VOC Rotor-Concentrator market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Zeolite-Based VOC Rotor-Concentrator

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Zeolite-Based VOC Rotor-Concentrator market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Seibu Giken, Huashijie Environment Technology, Nichias, Munters, Taikisha, SATTI, ProFlute, etc.

This report also provides key insights about market drivers, restraints, opportunities,

+357 96 030922
info@marketpublishers.com

new product launches or approvals.

Market Segmentation

Zeolite-Based VOC Rotor-Concentrator market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Concentration Ratio20

Market segment by Temperature

Normal-Temperature Adsorption Rotor

High-Temperature Resistant Rotor

Market segment by Air Volume

Small-Air-Volume

Medium-Air-Volume

Large-Air-Volume

Market segment by Application

Transportation

Industrial Manufacturing

Semiconductor

+357 96 030922
info@marketpublishers.com

Other

Major players covered

Seibu Giken

Huashijie Environment Technology

Nichias

Munters

Taikisha

SATTI

ProFlute

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Zeolite-Based VOC Rotor-Concentrator product scope, market overview, market estimation caveats and base year.

+357 96 030922
info@marketpublishers.com

Chapter 2, to profile the top manufacturers of Zeolite-Based VOC Rotor-Concentrator, with price, sales quantity, revenue, and global market share of Zeolite-Based VOC Rotor-Concentrator from 2021 to 2026.

Chapter 3, the Zeolite-Based VOC Rotor-Concentrator competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Zeolite-Based VOC Rotor-Concentrator breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Zeolite-Based VOC Rotor-Concentrator market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Zeolite-Based VOC Rotor-Concentrator.

Chapter 14 and 15, to describe Zeolite-Based VOC Rotor-Concentrator sales channel, distributors, customers, research findings and conclusion.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Zeolite-Based VOC Rotor-Concentrator Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: https://marketpublishers.com/r/G3C73DC3F16FEN.html

Price: US$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G3C73DC3F16FEN.html